## Table 2.2. Soils Descriptions, Placer County

| MUID | Soil Name | Slope Class | Soil Depth | Drainage | Landscape | Underlying material | Elevation | Erosion Potential | Native Vegetation | Limitations/Constraints |
|---|---|---|---|---|---|---|---|---|---|---|
| 103 | Andregg coarse sandy loam | 2-8 | Moderately deep | Well drained | Foothills; complex slope | Weather ganitic rock sources | 250-450 ft | slight or moderate | Oaks, annual grasses, forbs | Development limitation: depth to bedrock, erosion hazard in steeper places. |
| 104 | Andregg coarse sandy loam | 8-15 | Moderately deep | Well drained | Foothills; complex slope | Weather ganitic rock sources | 200-600 ft | moderate | Oaks, annual grasses, forbs | Development limitation: depth to bedrock, erosion hazard. |
| 111 | Burella sandy loam | 0-2 | Very deep | Well drained | Intermediate terrace remnants; plane slope – slighlty convex | Alluvium from granitic rock sources | 30-125 ft | None or slight | Annual grasses, forbs, scattered oaks | Tillage pan formation potential |
| 112 | Burella sandy loam | 2-5 | Very deep | Well drained | Intermediate terrace remnants; plane slope – slighlty convex | Alluvium from granitic rock sources | 30-125 ft | slight | Annual grasses, forbs, scattered oaks | Areas of steep slopes; tillage pan forms easily |
| 121 | Columbia Silt Loam clayey substratum, drained, ocassionally flooded | 0-2 | Very deep | Somewhat poorly drained | Narrow low flood plains of rivers and streams; plane slope | Alluvium derived from mixed rock sources | 10-120 ft | None or slight | Annual grasses, forbs, scattered oaks, and willows | Flood potential; chanelling and deposition common on strembanks |
| 129 | Consumnes silt loam, drained, occsionally flooded | 0-2 | Very deep | Somewhat poorly drained | Narrow low flood plains of rivers; plane slope | Alluvium derived from mixed rock sources | 5-125 ft | Slight | Annual grasses, forbs, shrubs, and scattered oaks and other hardwoods | Flood potential; chanelling and deposition common on strembanks |
| 144 | Fiddyment fine sandy loam | 0-1 | Moderately deep | Well drained | Low terraces; plane slope | Material weathered from consolidated sandstone or siltstone | 50-130 ft | slight | Annual grasses, forbs, and a few scattered oakes | Shallow depth to claypan, hardpan, very slow permeability, low available water holding capacity, low soil strength (development) |
| 145 | Fiddyment fine sandy loam | 1-8 | Moderately deep | Well drained | Hills; complex slope | Material weathered from consolidated sandstone or siltstone | 50-350 ft | slight | Annual grasses, forbs, and a few scattered oakes | Shallow depth to claypan (perched water table during heavy storms), hardpan, low available water holding capacity, tillage pan forms easily, low soil strength (development) |
| 146 | Fiddyment loam | 1-15 | Moderately deep | Well drained | Hills; complex slope | Material weathered from consolidated sandstone or siltstone | 80-170 ft | Slight to moderate | Annual grasses and forbs | Shallow depth to claypan (perched water table during heavy storms), shallow depth to hardpan/consolidated layer, high shrink-swell capacity, low available water holding capacity, very low permeability, steep areas, high erosion potential, low soil strength (development) |

**Table 2.2. Soils Descriptions, Placer County (Continued)**

| MUID | Soil Name | Slope Class | Soil Depth | Drainage | Landscape | Underlying material | Elevation | Erosion Potential | Native Vegetation | Limitations/Constraints |
|---|---|---|---|---|---|---|---|---|---|---|
| 148 | Fiddyment-orangevale-urban land complext | 2-8 | Moderately deep | Well drained | Intermingled hills and disected terraces; slopes shaped for urban uses | Material weathered from consolidated sandstone or siltstone | 100-285 ft | Slight to moderate | Annual grasses, forbs, and oaks | Shallow depth to claypan (perched water table during heavy storms), shallow depth to hardpan/consolidated layer, low available water holding capacity, very low permeability, erosion potential, low soil strength (development) |
| 149 | Fiddyment-urban land complex | 1-8 | Moderately deep | Well drained | Hills; slopes shaped for urban uses | Material weathered from consolidated sandstone or siltstone | 50-170 ft | Slight to moderate | Annual greasses, forbs, and a few scattered oaks | Shallow depth to claypan (perched water table during heavy storms), shallow depth to hardpan/consolidated layer, low available water holding capacity, low permeability, erosion potential, low soil strength (development) |
| 172 | Liveoak sandy clay loam, occasionally flooded | 0-2 | Very deep | Well drained | Narrow high flood plains; plane slopes | Alluvium derived from ganitic rock sources | 25-110 ft | Slight | Annual grasses, forbs, and sacattered oaks | Flood potential, tillage pan forms easily |
| 174 | Madera loam | 0-2 | Moderately deep | Moderately well-drained | Low areas of low terraces commonly adjacent to flood plains; convex slope | Alluvium derived from granitic rock sources | 10-160 ft | Slight | Annual grasses, forbs, and sacattered oaks | Shallow depth to claypan (perched water table during heavy storms), hardpan, low available water holding capacity, very low permeability |
| 183 | Orangevale coarse sandy loam | 2-5 | Very deep | Well drained | High terrace remenates; complex slopes | Coarse alluvium from granitic rocks | 200-275 ft | Moderate | Oaks, annual grasses, and forbs | Erosion hazards on steep slopes |
| 187 | Pardee-Rnachoseco complex | 3-15 | Shallow to very shallow | Moderately well-drained to well-drained | Hills with mound/ intermound microrelief; complex slopes | Gravelly and cobbly alluvium derived from mixed rock sources underalin by basic andesitic tuffaceous conglomerate | 140-510 ft | Slight or moderate | Annual grasses, forbs, and scattered oaks | Shallow depth to bedrock, ponding in intermound |
| 193 | Red Bluff-Redding comlex | 0-5 | Moderately deep to very deep | Moderately well-drained to well-drained | High terraces; convex slopes | Alluvium from mixed rock sources (RB), gravelly and cobbly alluvium from mixed rock sources ([R] | 90-310 ft | Slight or moderate | Annual grasses and forbs | Shallow depth to claypan (perched water table during heavy storms), low available water holding capacity, high shrink-swell capacity, tillage pan forms easily, incised drainageways |
| 199 | Reiff fine sandy loam occasionaly flooded | 0-2 | Very deep | Well drained | Narrow low flood plains; slightly convex | Alluvium from mixed rock sources | 40-130 ft | Slight | Annual grasses and forbs with scattered oaks and other hardwoods near drainageways | Flood potential |

**Table 2.2. Soils Descriptions, Placer County (Continued)**

| MUID | Soil Name | Slope Class | Soil Depth | Drainage | Landscape | Underlying material | Elevation | Erosion Potential | Native Vegetation | Limitations/Constraints |
|---|---|---|---|---|---|---|---|---|---|---|
| 207 | Sailboat silt loam, drained | 0-2 | Very deep | Somewhat poorly drained | Narrow low flood plains; plane slope | Alluvium from mixed rock sources | 15-85 ft | Slight | Annual grasses, forbs, and scattered oaks | Levees and groundwater overdraft changed drainage |
| 208 | Sailboat silt loam, drained, occasionally flooded | 0-2 | Very deep | Somewhat poorly drained | Narrow low flood plains; plane slope | Alluvium from mixed rock sources | 20-140 ft | Slight | Annual grasses, forbs, and scattered oaks | Levees and groundwater overdraft changed drainage, flood potential, channeling and deposition common along stream banks |
| 211 | San Joaquin fine sandy loam | 0-3 | Moderately deep | Moderately well-drained | Low terraces; complex slopes | Alluvium dominantly from granitic rock sources | 20-90 ft | Slight | Annual grasses, forbs, and a few widely scattered oaks | Shallow depth to claypan (perched water table during heavy storms), hardpan, low available water holding capacity, low permeability, erosion potential, low soil strength (development), high shrink-swell capacity |
| 212 | San Joaquin fine sandy loam | 3-8 | Moderately deep | Moderately well-drained | Low terraces; complex slopes | Alluvium dominantly from granitic rock sources | 20-75 ft | Slight to moderate | Annual grasses, forbs, and a few widely scattered oaks | Claypan, hardpan, low available water holding capacity, low permeability, complex slopes, low soil strength (development), high shrink-swell capacity |
| 214 | San Joaquin silt loam | 0-3 | Moderately deep | Moderately well-drained | Low terraces; complex slope | Alluvium dominantly from granitic rock sources | 20-170 ft | Slight | Annual grasses, forbs, and a few widely scattered oaks | Some areas incised by a few shallow drainageways and numerous small depressions |
| 220 | San Joaquin-urban land complex | 0-3 | Moderately deep | Moderately well-drained | Low terraces; shaped for urban uses | Alluvium dominantly from granitic rock sources | 20-95 ft | Slight | Annual grasses, forbs, and a few widely scattered oaks | Hardpan, low soil strength, high shrink-swell capacity, low permeability |
| 227 | Urban land | | | | Large areas covered by impervious surfaces | | | | | 90% or more impervious surfaces |
| 229 | Urban lands-Xerarents-Fiddyment complex | 0-8 | Impervious + well-drained | Impervious + moderately deep | Hills; slopes shaped for urban uses | Fill material + Material weathered from consolidated sandstone or siltstone | 30-170 ft | Slight to moderate | Scattered oaks or annual grasses and forbs | Shallow depth to claypan (perched water table during heavy storms), hardpan, low available water holding capacity, low permeability, variable soil depth |
| 238 | Xerarents-San Jaoaquin complex | 0-1 | Well drained and altered/moderately well-drained | Moderately deep | Low terraces; plane slopes due to leveling | Mixed fill material and Alluvium dominantly from granitic rock sources | 10-110 ft | Slight | Annual grasses and forbs | Shallow depth to claypan (perched water table during heavy storms), hardpan, low available water holding capacity, low permeability, variable soil depth |
| 240 | Xerarents-Uban land-San Jaoaquin complex | 0-5 | Moderately well-drained to well-drained and altered | Moderately deep to very deep | Filled areas of low terraces; slopes shaped for urban uses | Mixed fill material and alluvium dominantly from granitic rock sources | 10-370 ft | Slight | Annual grasses and forbs | Shallow depth to claypan (perched water table during heavy storms), hardpan, high shrink-swell capacity, variable soil depth |

**Table 2.2. Soils Descriptions, Placer County (Continued)**

| MUID | Soil Name | Slope Class | Soil Depth | Drainage | Landscape | Underlying material | Elevation | Erosion Potential | Native Vegetation | Limitations/Constraints |
|---|---|---|---|---|---|---|---|---|---|---|
| 242 | Xerofluvents, flooded | 0-2 | Very deep | Excessively drained to well-drained | Disected remnants of high flood plains; complex slopes | Alluvium from mixed rock sources | 20-40 ft | Slight to moderate | Oaks, hardwoods, annual grasses, and forbs | Channels with small drainageways, flood potential, chanelization and deposition along streambanks |
| 245 | Xerorthents, dredge tailings | 2-50 | Very deep | Somewhat excessively drained | Dredge tailings; short, complex, and disturbed slopes | Material containing high amounts of gravel and cobbles that are from mixed rocks | 80-400 ft | None to slight | Annua grasses and forbs with sacattered hardwoods | Low to very low available water holding capacity. |